

### Science

In science this term we will be investigating living things and habitats.

Scientific skills:

- Comparing variables
- Testing variables
- Predicting
- Data handling
- Research
- Measuring
- Planning enquiries

### History:

This term, History will be approached in a cross-curricular manner. We will investigate the in detail, enabling us to develop key skills:

- Ask and answer questions
- Use sources to find out about the past
- Explore chronology
- Describe and explain
- Research and conclude

We will also explore the history of Brazil.

### Art and Design

In art this term we will be looking at printing, and various sketching techniques, such as pointillism.

Artistic and design skills:

- Observe
- Drawing using various techniques
- Select and use materials
- Printing
- Explore form, shape, texture, materials
- Shading

### Geography

In geography we will be using atlases and maps to examine places. We will locate the world's continents, countries and key geographical features, identify human and physical characteristics, look at land use and find similarities and differences with the UK. The focus will be South America. We will also look at rainforests.

Geographical skills:

- Make observations
- Use appropriate geographical vocabulary
- Create and label a map
- Use an atlas and maps
- Describe types of settlement and land use.
- Compare human and physical features

# Spring

### Computing

In computing we will look at e-safety and digital literacy. We will also be using electronic devices for research.

#### Computing skills

- Strong passwords
- Using search engines
- Identifying reliable online sources
- Appropriate online behaviour.

### Music:

In music we will continue to explore singing techniques and percussion accompaniment.

### Religious Education

In RE we will learn about what Christians believe about God.

Why is the last supper so important to Christians?

Skills:

- Ask and answer questions
- Critical thinking
- Personal reflection
- Reflect and respond
- Interpret stories

## English

**Focus:** There's a boy in the girl's bathroom, Journey to Jo'burg and Street Child.

### Reading

- recommending books that they have read to their peers, giving reasons for their choices
- identifying and discussing themes and conventions in and across a wide range of writing
- making comparisons within and across books
- provide reasoned justifications for their views.
- discuss and evaluate how authors use language, including figurative language, considering the impact on the reader
- drawing inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence
- predicting what might happen from details stated and implied
- identifying how language, structure and presentation contribute to meaning

### Writing

- continue to distinguish between homophones
- use dictionaries to check the spelling and meaning of words
- use a thesaurus
- selecting appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning
- in narratives, describing settings, characters and atmosphere and integrating dialogue to convey character and advance the action
- proof-read for spelling and punctuation errors

## Maths

**This term we are aiming to:**

- Multiply and divide whole numbers and those involving decimals by 10, 100 and 1,000
- Recall multiplication and division facts for multiplication tables up to  $12 \times 12$
- Multiply multi-digit numbers by a one-digit number using formal written layout
- Calculate area and perimeter.
- Identify equivalent fractions, simplify fractions, add and subtract fractions, find common denominators, multiply and divide fractions by whole numbers, find fractions of amounts.
- Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction
- Solve multi-step problems in contexts, deciding which operations and methods to use and why
- Draw and translate simple shapes on the coordinate plane, and reflect them in the axes
- Describe positions on the full coordinate grid (all 4 quadrants)

**Homework**—Handed in on a Friday.

**Spellings**— to learn every week for a Friday test.

# Year 5

Our topic for  
Spring Term is:



## Rainforests

Have a look inside!